



## MATERIAL SAFETY DATA SHEETS (MSDS) On-Line OSHA-Required Health And Safety Information!

### Section 1

#### MATERIAL SAFETY DATA SHEET # 41

#### Hercules Cryotek™

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Meets OSHA 29 CFR 1910.1200

### Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;  
Common Name(s), CAS Numbers)

OSHA PEL ACGIH TLV Other Limits

% Upper Bound  
Limits if SARA  
Reportable

*This product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200*

**HMIS Hazard Rating:** Health: 0 Flammability: 0 Reactivity: 0 Personal Protection: A

### Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H <sub>2</sub> O=1):	Vapor Density (Air=1):	Vapor Pressure (mm Hg):
220° F	1.04	2.62	At 20 °C 0.22
Melting Point (°F):	Evaporation Rate (Butyl Acetate=1):	Solubility in Water:	
N/A		Soluble	
Appearance And Color: Blue liquid		Odor: Odorless	

### Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
N/A	None		

**Extinguishing Media:** Water fog, alcohol foam, dry chemical

**Special Firefighting Procedures:**

None

**Unusual Fire And Explosion Hazards:**

None

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## Section 5 - Reactivity Data

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**Stability:** Stable

**Conditions To Avoid:** None

**Incompatibility  
(Materials To Avoid):**

Oxidizing materials

**Hazardous Decomposition:**

None

**Hazardous Polymerization:**

Will Not Occur

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## Section 6 - Health Hazard Data

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**Routes of Entry:**

**Inhalation?** N/A

**Skin?** N/A

**Ingestion?** N/A

**Health Hazards:**

Very low single dose oral toxicity; eye and skin essentially no effect

**Carcinogenicity:**

**NTP?** NO

**IARC?** NO

**OSHA Regulated?** NO

**Signs And Symptoms of Exposure:**

None

**Medical Conditions Generally Aggravated By Exposure:**

None

**Emergency And First Aid Procedures:**

EYE & SKIN CONTACT: Like with all foreign material, flushing and washing with water is good safety and hygienic practice. INGESTION: Low in toxicity; Induce vomiting if large amounts are ingested.

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## Section 7 - Precautions For Safe Handling And Use:

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**Steps To Be Taken In Case Material Is Released Or Spilled:**

Cover with absorbent material; let it soak and sweep up.

**Waste Disposal Method:**

Incinerate or bury (landfill) away from water supplies in accordance with local regulations.

**Precautions To Be Taken In Handling And Storing:**

None

**Other Precautions:**

None

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## Section 8 - Control Measures:

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**Respiratory Protection:**

None required

**Ventilation:**

**Local Exhaust:  
Mechanical:**

Adequate

**Special:  
Other:**

N/A

N/A

N/A

**Gloves:** None required  
**Eye Protection:** If possibility of splashing, use safety goggles.  
**Other Protective Clothing:** None  
**Work/Hygienic Practices:** Wash after handling.

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| [Home Page](#) |

| [MSDS](#) | [Wholesaler Info](#) | [Contractor Info](#) | [Homeowner & Industrial Info](#) |

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